

Madison Pike at Centennial Blvd. Left Turn Lane Addition				Engineer's Estimate		Eaton Asphalt		Riegler Blacktop	
Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
Part A: Reconstruction and Widening									
1	MOBILIZATION	1	LS	\$25,000.00	\$25,000.00	\$14,375.00	\$14,375.00	\$10,000.00	\$10,000.00
2	MAINTENANCE OF TRAFFIC	1	LS	\$50,000.00	\$50,000.00	\$19,245.00	\$19,245.00	\$20,300.00	\$20,300.00
3	CLEARING AND GRUBBING , (INCLUDES REMOVAL AND REINSTALLATION OF SIGNS AND MAILBOXES)	1	LS	\$10,000.00	\$10,000.00	\$3,250.00	\$3,250.00	\$10,000.00	\$10,000.00
4	SAWCUT AND REMOVE EXISTING PAVEMENT (ASPHALT PAVEMENT OR CONCRETE CURB)	270	SY	\$30.00	\$8,100.00	\$37.00	\$9,990.00	\$40.00	\$10,800.00
5	REMOVE EXISTING CONCRETE WALK	2800	SF	\$4.00	\$11,200.00	\$1.75	\$4,900.00	\$3.00	\$8,400.00
6	EXCAVATION TO PROPOSED SUBGRADE	190	CY	\$50.00	\$9,500.00	\$72.00	\$13,680.00	\$75.00	\$14,250.00
7	EMBANKMENT TO PROPOSED SUBGRADE OR 4" BELOW FINISHED GRADE IN YARD AREA	65	CY	\$50.00	\$3,250.00	\$58.00	\$3,770.00	\$75.00	\$4,875.00
8	SUBGRADE RESHAPING AND COMPACTING	760	SY	\$2.00	\$1,520.00	\$3.40	\$2,584.00	\$2.00	\$1,520.00
9	EROSION & WATER POLLUTION CONTROL	1	LS	\$5,000.00	\$5,000.00	\$2,750.00	\$2,750.00	\$500.00	\$500.00
10	YARD RESTORATION (4" TOPSOIL, SEED AND	900	SY	\$15.00	\$13,500.00	\$13.00	\$11,700.00	\$20.00	\$18,000.00
11	6" DENSE GRADED AGGREGATE (DGA) FOR SUBGRADE REPAIR, INCLUDES EXCAVATION AND REMOVAL OF POOR SUBGRADE MATERIAL.	11	CY	\$60.00	\$660.00	\$43.00	\$473.00	\$75.00	\$825.00
12	GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR BX 1200 OR EQUIVALENT)	65	SY	\$6.00	\$390.00	\$5.50	\$357.50	\$5.00	\$325.00
13	11.25" ASPHALT CONCRETE BASE	630	SY	\$75.00	\$47,250.00	\$78.00	\$49,140.00	\$95.50	\$60,165.00
14	1" ASPHALT CONCRETE LEVEL COURSE	3300	SY	\$8.00	\$26,400.00	\$7.60	\$25,080.00	\$7.00	\$23,100.00
15	ADDITIONAL ASPHALT CONCRETE LEVELLING	30	TON	\$130.00	\$3,900.00	\$160.00	\$4,800.00	\$125.00	\$3,750.00
16	1.5" ASPHALT CONCRETE SURFACE COURSE WITH ARAMID FIBER REINFORCEMENT (FORTA-FI OR ACE FIBER)	3300	SY	\$12.00	\$39,600.00	\$11.25	\$37,125.00	\$11.00	\$36,300.00
17	ASPHALT MILLING (2.5")	870	SY	\$5.00	\$4,350.00	\$7.25	\$6,307.50	\$3.75	\$3,262.50
18	ASPHALT MILLING, VARIABLE DEPTH (0.5" - 2.5")	1700	SY	\$5.00	\$8,500.00	\$4.00	\$6,800.00	\$3.75	\$6,375.00
19	6" CONCRETE VERTICAL CURB AND GUTTER (T=11") - INCLUDES 3.5" DGA BASE PER TYPICAL SECTION	500	LF	\$45.00	\$22,500.00	\$52.80	\$26,400.00	\$59.00	\$29,500.00
20	4" CONCRETE SIDEWALK	2900	SF	\$12.00	\$34,800.00	\$9.90	\$28,710.00	\$15.00	\$43,500.00
21	10" CONCRETE APRON/DRIVEWAY REPLACEMENT (INCLUDES 6" VERTICAL CURB PER DETAIL)	1000	SF	\$20.00	\$20,000.00	\$17.75	\$17,750.00	\$25.00	\$25,000.00
22	10" CONCRETE SIDEWALK (INCLUDES 6" DGA BASE PER DETAIL)	60	SF	\$20.00	\$1,200.00	\$15.75	\$945.00	\$20.00	\$1,200.00
23	ADA CURB RAMP	7	EA	\$350.00	\$2,450.00	\$440.00	\$3,080.00	\$500.00	\$3,500.00
24	MODIFIED STANDARD YARD DRAIN	1	EA	\$5,000.00	\$5,000.00	\$2,175.00	\$2,175.00	\$4,500.00	\$4,500.00
25	18" STORM PIPE (HDPE)	40	LF	\$150.00	\$6,000.00	\$270.00	\$10,800.00	\$125.00	\$5,000.00
26	REMOVE EXISTING PIPE	40	LF	\$50.00	\$2,000.00	\$15.00	\$600.00	\$50.00	\$2,000.00
27	INSTALL NEW R3-H8BH LANE SIGN	2	EA	\$500.00	\$1,000.00	\$675.00	\$1,350.00	\$857.00	\$1,714.00
28	PAVEMENT STRIPING - 4" DOUBLE YELLOW CENTERLINE (YELLOW PAINT)	990	LF	\$0.40	\$396.00	\$.48	\$475.20	\$1.70	\$1,683.00
29	PAVEMENT STRIPING - 12" DIAGONAL HATCH LINE WITH 10' SPACING (YELLOW THERMOPLASTIC)	160	LF	\$5.00	\$800.00	\$7.00	\$1,120.00	\$5.15	\$824.00
30	PAVEMENT STRIPING - 4" EDGE LINE (WHITE PAINT)	1200	LF	\$0.25	\$300.00	\$.24	\$288.00	\$1.70	\$2,040.00
31	PAVEMENT STRIPING - 6" CHANNELIZATION LINE (WHITE PAINT)	330	LF	\$0.25	\$82.50	\$.30	\$99.00	\$2.05	\$676.50
32	PAVEMENT STRIPING - 24" THERMOPLASTIC STOP BAR (WHITE THERMOPLASTIC)	130	LF	\$15.00	\$1,950.00	\$12.00	\$1,560.00	\$5.65	\$734.50
33	PAVEMENT STRIPING - 24" LONGITUDINAL CROSSWALK BARS (PER DETAIL) (WHITE THERMOPLASTIC)	410	LF	\$12.00	\$4,920.00	\$12.00	\$4,920.00	\$5.40	\$2,214.00
34	PAVEMENT STRIPING - 6" TRANSVERSE CROSSWALK BARS (PER DETAIL) (WHITE THERMOPLASTIC)	80	LF	\$1.50	\$120.00	\$6.00	\$480.00	\$4.90	\$392.00

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35	PAVEMENT STRIPING - DIRECTION ARROW (WHITE THERMOPLASTIC)	11	EA	\$150.00	\$1,650.00	\$140.00	\$1,540.00	\$150.00	\$1,650.00
36	PAVEMENT STRIPING - 4" DOTTED LANE LINE (WHITE PAINT)	45	LF	\$0.25	\$11.25	\$150.00	\$6,750.00	\$1.95	\$87.75
Part B: Traffic Signalization									
37	MOBILIZATION	1	LS	\$15,000.00	\$15,000.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00
38	MAINTAIN & CONTROL TRAFFIC	1	LS	\$7,500.00	\$7,500.00	\$4,100.00	\$4,100.00	\$4,100.00	\$4,100.00
39	REMOVE PEDESTAL POLE	1	EA	\$2,000.00	\$2,000.00	\$2,100.00	\$2,100.00	\$2,100.00	\$2,100.00
40	CABLE - NO. 14/7C	500	LF	\$10.00	\$5,000.00	\$4.25	\$2,125.00	\$4.25	\$2,125.00
41	MESSENGER - 15400 LB	200	LF	\$25.00	\$5,000.00	\$12.25	\$2,450.00	\$12.25	\$2,450.00
42	INSTALL AUDIBLE PEDESTRIAN DETECTOR	4	EA	\$1,000.00	\$4,000.00	\$45.00	\$180.00	\$45.00	\$180.00
43	RELOCATE SIGNAL HEAD	6	EA	\$600.00	\$3,600.00	\$775.00	\$4,650.00	\$775.00	\$4,650.00
44	INSTALL LED SIGNAL-3 SECTION	2	EA	\$750.00	\$1,500.00	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00
45	REMOVE & REINSTALL PEDESTRIAN HEAD	2	EA	\$750.00	\$1,500.00	\$425.00	\$850.00	\$425.00	\$850.00
46	REMOVE PEDESTRIAN DETECTOR	4	EA	\$300.00	\$1,200.00	\$75.00	\$300.00	\$75.00	\$300.00
47	INSTALL SIGNAL CONTROLLER (2070 INTELIGHT)	1	EA	\$1,500.00	\$1,500.00	\$525.00	\$525.00	\$525.00	\$525.00
48	INSTALL CONFLICT MONITOR	1	EA	\$500.00	\$500.00	\$150.00	\$150.00	\$150.00	\$150.00
49	INSTALL RADAR PRESENCE DETECTOR TYPE A	4	EA	\$4,000.00	\$16,000.00	\$1,750.00	\$7,000.00	\$1,750.00	\$7,000.00
Part C: Sidewalk Addition									
50	MOBILIZATION	1	LS	\$10,000.00	\$10,000.00	\$675.00	\$675.00	\$5,500.00	\$5,500.00
51	MAINTENANCE OF TRAFFIC	1	LS	\$10,000.00	\$10,000.00	\$2,250.00	\$2,250.00	\$2,000.00	\$2,000.00
52	CLEARING AND GRUBBING , (INCLUDES REMOVAL AND REINSTALLATION OF SIGNS AND MAILBOXES)	1	LS	\$1,000.00	\$1,000.00	\$775.00	\$775.00	\$500.00	\$500.00
53	SAWCUT AND REMOVE EXISTING PAVEMENT (ASPHALT PAVEMENT OR CONCRETE CURB)	6	SY	\$20.00	\$120.00	\$98.00	\$588.00	\$50.00	\$300.00
54	EXCAVATION TO PROPOSED SUBGRADE	4	CY	\$50.00	\$200.00	\$140.00	\$560.00	\$75.00	\$300.00
55	EMBANKMENT TO PROPOSED SUBGRADE OR 4" BELOW FINISHED GRADE IN YARD AREA	45	CY	\$50.00	\$2,250.00	\$110.00	\$4,950.00	\$75.00	\$3,375.00
56	4" CONCRETE SIDEWALK	900	SF	\$12.00	\$10,800.00	\$10.45	\$9,405.00	\$14.00	\$12,600.00
57	8" CONCRETE PAVEMENT REPLACEMENT	8	SY	\$150.00	\$1,200.00	\$162.15	\$1,297.20	\$25.00	\$200.00
58	YARD RESTORATION (4" TOPSOIL, SEED AND	350	SY	\$15.00	\$5,250.00	\$12.00	\$4,200.00	\$10.00	\$3,500.00
59	ADA CURB RAMP	1	EA	\$1,500.00	\$1,500.00	\$450.00	\$450.00	\$500.00	\$500.00
60	PAVEMENT STRIPING - 24" THERMOPLASTIC STOP BAR (PER DETAIL) (WHITE THERMOPLASTIC)	10	LF	\$15.00	\$150.00	\$12.00	\$120.00	\$5.65	\$56.50
61	PAVEMENT STRIPING - 6" TRANSVERSE CROSSWALK STRIPES (PER DETAIL) (WHITE THERMOPLASTIC)	60	LF	\$1.50	\$90.00	\$6.00	\$360.00	\$4.90	\$294.00
Total					\$480,159.75		\$381,329.40		\$418,418.75